

REMARKS

Favorable reconsideration of this application, in light of the preceding, amendments and following remarks, is respectfully requested. Claims 1, 15-17, 19-22, 27-28 and 30-37 are pending in this application. By this Amendment, claims 1, 15-17 and 19-22 are amended, claims 30-37 are added, and claims 2-14, 18, 23-26 and 29 have been cancelled. Claims 1, 19, 20, 21, and 22 are the independent claims. Applicants note with appreciation the Examiner's acknowledgement that Information Disclosure Statements dated April 11, 2008, April 22, 2008, May 28, 2008, June 20, 2008 and July 24, 2008 have been received by the U.S.P.T.O.

Because the amendments to the claims raise new issues requiring further search and/or consideration, Applicants have filed this Amendment along with a Request for Continued Examination ("RCE") to ensure its consideration. Any subsequent action other than a Notice of Allowance or Quayle action should be **non-final**.

Rejections under 35 U.S.C. § 103

The Examiner has rejected claims 1-29 under 35 U.S.C. § 103(a) as being unpatentable over Saeki (U.S. Patent Publication No. 2001/00043790, hereinafter "Saeki") in view of Kaneshige (U.S. Patent No. 5,913,020, hereinafter "Kaneshige"). Applicants respectfully traverse this rejection for the reasons detailed below.

Applicants have amended claim 1 to recite, *inter alia*, "a navigation area storing at least one navigation file, the navigation file including a path item, the path item launching the playlist file by using a navigation command, the path item providing parental control of the at least one video and audio data." Applicants submit that Saeki does not disclose these features.

First, Saeki does not disclose a navigation file that includes a path item where the path item launches the playlist file by using a navigation command. By directing the Applicants'

attention to paragraphs [0226] and [0234] of Saeki, the Examiner seems to suggest that the AV data reproducing unit 130 of Saeki teaches the navigation file and path item within the meaning of claim 1. Applicants disagree.

Rather, Saeki discloses a reproducing apparatus and method for fast forwarding and rewinding data on a recorded medium, for example, reproducing data by a specific time. See Saeki, FIGS. 27 and 28, and paragraph [0226]. Referring to FIG. 28, the AV data reproducing unit 130, on receiving a notification from the recording/editing/reproducing control unit 105 that the user has pressed the “Fast Forward” or “rewinding” key, sets a skip time Δt for special reproduction (step 310). See Saeki, paragraph [0232]. Accordingly, Saeki allows the user to fast forward or rewind according to one reproduction path, corresponding to a time map as described in paragraphs [0235-236] of Saeki. For example, referring to FIG. 27 and paragraph [0226] of Saeki, the AV data reproducing unit 130 refers to the AV data management file held by the control data management unit 107 for the sent title name (or title search pointer number) to obtain the PGC information and the VOB information (step 295). The AV data reproducing unit 130 further converts the start and end times specified by the user to the start address and the end address respectively by referring to the time map information (step 296).

Then, the AV data reproducing unit 130 executes the process ranging from step 315 to step 325 every time the pause time “ts” is updated using the skip time Δt until an instruction to end the special reproduction (e.g., pressing of the “Play” key) is entered. See Saeki, paragraph [0234].

Saeki is silent in regards to a path item concept. For instance, the AV data reproducing unit 130 does not include “the path item launching the playlist by using a navigation command” as required by claim 1. Saeki, at most, discloses a method to allow the user to fast forward or rewind according to one reproduction path, which is not related to these features.

In addition, Saeki cannot possibly disclose “the path item providing parental control of the at least one of video and audio data.” Saeki is completely unrelated to “providing parental control of the at least one of video and audio data.” Rather, as stated above, Saeki is only concerned with allowing users to fast forward or rewind. Therefore, Saeki cannot disclose “a navigation area storing at least one navigation file, the navigation file including a path item, the path item launching the playlist file by using a navigation command, the path item providing parental control of the at least one video and audio data” as required by claim 1.

Furthermore, Kaneshige fails to cure the deficiencies of Saeki. For instance, Kaneshige does not disclose “a navigation area storing at least one navigation file, the navigation file including a path item, the path item launching the playlist file by using a navigation command, the path item providing parental control of the at least one video and audio data” as required by claim 1, for the same reasons stated above. In addition, Kaneshige does not disclose a navigation file providing parental control. Rather, referring to figure 17 and column 12, lines 45-53 of Kaneshige, Kaneshige discloses a navigation pack (NV_PCK) that is mainly used as control data for control of reproduced display data in a video object unit to which it belongs. Applicants submit that the navigation pack NV_PCK is **not** the “navigation file providing parental control” within the meaning of claim 1. For instance, Kaneshige is silent in terms of any reference to parental control. In fact, the navigation pack of the DVD specification of Kaneshige does not have the capabilities of providing parental control.

Furthermore, Applicants have amended claim 1 to recite “a data area storing a stream file”, “a clip information area storing a clip information file”, “a playlist area storing a playlist file”, “a navigation area storing a navigation file”, and “wherein the stream file, the clip information file, the playlist file and the navigation are separate from each other.” Applicants submit that neither Kaneshige nor Saeki disclose these features.

First, Applicants submit that Kaneshige does not disclose “a playlist area storing a playlist file” as recited in claim 1. In fact, Kaneshige is silent in regards to a playlist concept. Second, Applicants submit that Kaneshige does not disclose “wherein the stream file, the clip information file, the playlist file and the navigation are separate from each other.” Rather, the control information of Kaneshige (e.g., VTSI) is intermixed throughout each VOBS.

For instance, FIG. 26 of Kaneshige shows video title set information (VTSI) in a video title set (VTS) area. The VTSI contains control data, such as “a video title set part-of-title search pointer table, in which entry points of titles and the like are described [e.g., VTS_PTT_SRPT].” See Kaneshige, column 15, lines 29-31. Referring to FIG. 16 of Kaneshige, the VTSI is included within the video title set (VTS) area. Also included within the video title set (VTS) area is a video object set (VOBS), which comprises multiple video objects that include multiple cells for storing video data. Referring to FIG. 16 of Kaneshige, for each VTS (e.g., VST #1, VST #2 through VST #n) the corresponding control data VTSI controls the video data associated with each VTS. In other words, Kaneshige discloses control information for each VTS unit, but not “wherein the stream file, the clip information file, the playlist file and the navigation are separate from each other” as required by claim 1.

Therefore, Kaneshige does not have the benefit of easily adding or deleting management information or video data from the computer readable medium reflected in claim 1. Accordingly, Kaneshige cannot disclose “wherein the stream file, the clip information file, the playlist file and the navigation are separate from each other” as recited in claim 1. In addition, as acknowledged by the Examiner, Saeki fails to cure the deficiencies of Kaneshige with respect to these features. Accordingly, Kaneshige and Saeki, alone or in combination, cannot render claim 1 obvious to one of ordinary skill in the art within the meaning of 35 U.S.C. § 103(a). Independent claims 19, 20, 21, and 22 have been amended to include features similar to claim 1,

and therefore are patentable for at least the same reasons stated above, as well as their own merits. Furthermore, the dependent claims, depending from claims 1 and 19-22, are patentable for at least the same reasons stated above.

The Applicants, therefore, respectfully request that the rejection to claims 1, 15-17, 19-22 and 27-28 under 35 U.S.C. § 103(a) be withdrawn. In addition, Applicants submit that new claims 30-37, dependent on claims 1 and 19-22, are patentable for at least the same reasons stated above, and respectfully request claims 30-37 be allowed.

CONCLUSION

In view of the above remarks and amendments, the Applicants respectfully submit that each of the pending objections and rejections has been addressed and overcome, placing the present application in condition for allowance. A notice to that effect is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to contact the undersigned.

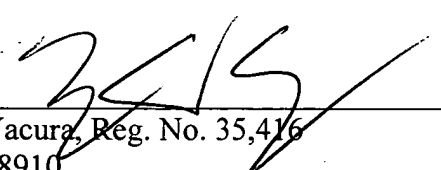
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Gary D. Yacura, at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By



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